NCPV Hotline — Week of August 27-31, 2007

Weekly News Items

Some of the following news items are available as Adobe Acrobat PDFs. Download Adobe Reader.

The National Center for Photovoltaics (NCPV), the National Renewable Energy Laboratory's (NREL's) center for PV research maintains an international communications system called the NCPV Hotline. The Hotline increases knowledge and awareness of PV industry and research happenings. Hotline participants receive important news items via email related to PV activities around the world. The contents have been relatively uncensored, because we depend on the good judgment of the contributors to separate fact from rumor.

(Links may expire)

Current and archived NCPV Hotline issues < link to http://www.nrel.gov/pv/news hotline.html>
bisclaimer elink to http://www.nrel.gov/pv/news hotline disclaimer.html>
hotline disclaimer.html>
Subscribe/Unsubscribe: Email name, organization, and e-mail address to Carol Riordan@nrel.gov> at NREL

NOTE: THE NCPV HOTLINE WILL BE OFF LINE AUGUST 30 to SEPTEMBER 10

8-27-07 ICP Solar Technologies Acquisition of Wes Power

ICP Solar Technologies Inc. announced that it has entered into an agreement to acquire Wes Power, a renewable power performance management company. "We believe that the acquisition of Wes Power and its GreenMeter™ technology is strategically important for us", said ICP Solar CEO and Chairman, Sass Peress. Story at:

http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=2007082700 5327&newsLang=en or http://tinyurl.com/2fczv8

ICP Solar: http://www.icpsolar.com/ Wes Power: http://www.wespt.com/

8-27-07 More on LDK Solar Expansion

LDK Solar Co., Ltd, announced that it has secured additional contracts for production equipment that will enable the company to expand its wafer production capacity to 1,600 MW by the end of 2009. Story at RenewableEnergyAccess: http://www.renewableenergyaccess.com/rea/news/story?id=49759 LDK Solar: http://www.ldksolar.com/english/index.html

8-27-07 ReneSola Results and Expansion

ReneSola Ltd announced its financial results for the second quarter ended 30 June 2007, the production capacity expansion plans for 2008, and an update on current trading. Story at Solarbuzz:

http://www.solarbuzz.com/news/NewsEUCO432.htm

ReneSola: http://www.renesola.com/

8-27-07 Motech Update

Motech announced its financials for the first half of 2007. More at:

Motech: http://www.motechind.com/

8-27-07 China Nuvo Solar Technology

China Nuvo Solar Energy, Inc. announced that an independently published report by the Joannopoulos Research Group at the Massachusetts Institute of Technology determined that light trapping by wave guides they put into PV cells was increased by 37%. More at:

http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=2007082700 5175&newsLang=en or http://tinyurl.com/2abkzp

8-27-07 Dynamics in the World's Major PV Markets, Discussion

A group of 50 experts from 15 countries will discuss the dynamics of global demand for PV modules in a symposium on 4 September in Milan. For information,

see SolarPlaza at: http://tinyurl.com/36ob9y

22nd PV EU PVSEC: http://p12611.typo3server.info/

8-27-07 Germany, Solar Hotspot

See the story "Cloudy Germany unlikely hotspot for solar power" through SolarPlaza http://www.solarplaza.com/content/news.php at:

http://www.cnn.com/2007/TECH/science/08/23/germany.solar.reut/

8-27-07 Solar Energy Consumption, China

According to this press, China has become the world's largest consumer of solar energy. See ChinaDaily at: http://www.chinadaily.com.cn/bizchina/2007-08/27/content 6060218.htm or http://tinyurl.com/2agl23

8-27-07 Wells Fargo Green Investments

Wells Fargo & Co. announced a number of environmentally driven moves, including an investment in solar power, loans for green projects, and an electricity price hedging offering to help mid-market companies manage power costs.

Story at: http://www.gnet.org/news/newsdetail.cfm?Page=1&NewsID=35806

See "Oregon's Largest Solar Array Made Possible by State Incentives" at RenewableEnergyAccess: http://www.renewableenergyaccess.com/rea/news/story?id=49761

The 450 kW system will feed electricity directly into the Eugene Water and Electric Board's grid system.

8-27-07 Solar for Napa Valley Hotel and Spa, California

3 Phases Energy Services, LLC recently commissioned a 36-kW solar project at the Gaia Napa Valley Hotel and Spa. The project features Uni-Solar amorphous silicon laminates mounted on standing seam metal roof pans, and was installed by Energy Recommerce, Inc. with their string-level performance monitoring system. Story at Solarbuzz: http://www.solarbuzz.com/News/NewsNAPR855.htm 3 Phases Energy Services: http://www.3phases.com/

Uni-Solar: http://www.uni-solar.com/

Energy Recommerce: http://www.energyrecommerce.com/index.php?fuseaction=home.home or http://tinyurl.com/2mdew3

8-27-07 UMR Solar Village, Missouri

Navarre Bartz was one of two students selected to live in the University of Missouri-Rolla Solar Village and occupy one of the houses constructed for the Solar Decathlon. See the story UMR's Solar Village is a look into the future" at: http://www.therolladailynews.com/articles/2007/08/26/news/news04.txt or http://tinyurl.com/2mmbbz

Solar Decathlon: http://www.solardecathlon.org/

8-27-07 Solar Power Prospects

See the Washington Post article, "Solar Power" at: http://www.washingtonpost.com/wp-dyn/content/article/2007/08/25/AR2007082500173.html or http://tinyurl.com/274tpj

And, "Forecast for solar power: Sunny" at:

http://news.yahoo.com/s/usatoday/20070827/tc_usatoday/forecastforsolarpowersunny_orhttp://tinyurl.com/2bujny

8-27-07 Akeena Solar COO

Akeena Solar, Inc. announced the promotion of James M. Curran to chief operating officer from his previous position of vice president of operations. Press at:

http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=2007082700 5361&newsLang=en or http://tinyurl.com/2asy67

Akeena Solar: http://www.akeena.net/cm/Home.html

8-27-07 Akeena Solar in Palm Springs

See the story "Solar energy industry heats up in Palm Springs" with coverage of Akeena Solar at: http://www.mydesert.com/apps/pbcs.dll/article?AID=/20070825/BUSINESS06/708250309 or http://tinyurl.com/24cnpk

Akeena Solar: http://www.akeena.net/cm/Home.html

8-27-07 New AVS Short Course, Introductory Offer - Photovoltaics

The new AVS Course "Photovoltaics: The Engineering, Technology, and Applications of Solar Cells" taught by Angus Rockett, Prof. of Materials Science and Engineering, University of Illinois, is being offered at a special introductory price, in Seattle, Washington on 17 October 2007. Information at: http://www.avs.org/education.schedule.aspx

AVS 54th International Symposium & Exhibition: http://www2.avs.org/symposium/seattle/welcome.html

8-27-07 Dubai's Solar Water Taxis

Dubai is set to step up its "green drive" with plans to launch two solar-powered abras, or water taxis.

Stories at: http://www.arabianbusiness.com/498321-dubai-water-taxis-to-go-solar- or

http://tinyurl.com/27qpus

http://archive.gulfnews.com/articles/07/08/26/10149251.html

http://www.zawya.com/Story.cfm/sidZAWYA20070825092226/secIndustries/pagOil%20&%20Gas or http://tinyurl.com/37tmn2

In related solar news...

8-27-07 Solar Thermal Tech

See the story "Sun set to shine on solar, Prominent venture capitalist is betting on big solar-thermal tech" at: http://www.thestar.com/columnists/article/250043

8-28-07 Motech Industries U.S. Office, Headed by Dr. Tom Surek

Motech Industries announced the opening of their U.S. office, Motech Americas, in Golden, Colorado. The office will be headed up by Dr. Tom Surek, an early pioneer of PV R&D in the U.S. with more than 34 years of experience in the field. The primary purpose of Motech Americas is to expand the sales and marketing of the company's products in the U.S., as well as the rest of North, Central, and South America. Motech will also be looking at expanding research laboratories with leading U.S. laboratories and universities. More in the press release at:

http://www.corpasia.net/taiwan/6244/irwebsite/index.php?secmod=announcements&mod=announcedetail &id=22 or http://tinyurl.com/37dz85

Motech: http://www.motechind.com/

http://www.corpasia.net/taiwan/6244/irwebsite/index.php?mod=announcements or http://tinyurl.com/2fl3zr

8-28-07 Wattner - Scheuten Solar Agreement

Wattner AG and Scheuten Solar have signed a master agreement for the financing and construction of solar power plants worth €90 million. Story at Solarbuzz:

http://www.solarbuzz.com/News/NewsEUPR379.htm

Wattner: http://www.wattner.de/

Scheuten Solar: http://www.scheuten.com/ http://www.scheuten.com/solar

8-28-07 ARISE Technologies Silicon Feedstock Program Milestone

ARISE Technologies Corporation announced that it has completed the first major milestone of its PV Silicon Feedstock Program with the commissioning of its Silicon Refining Furnace version 3.1.

More at: http://www.ecoreporter.de/index.php.action="http://www.ecoreporter.de/index.php.action="http://www.ecoreporter.de/index.php.action="http://www.ecoreporter.de/index.php.action="http://www.ecoreporter.de/index.php.action="http://www.ecoreporter.de/index.php.action="http://www

ARISE Technologies: http://www.arisetech.com/

8-28-07 Stanford R. Ovshinsky Retiring

Energy Conversion Devices, Inc. announced that Stanford R. Ovshinsky, its co-founder, principal inventor, Chief Scientist and Technologist, will retire as an active employee and director of the company effective 31 August 2007.

Press at: http://www.ovonic.com/ne_ecd_ovonics_press_releases_more.cfm?pressrelease_id=484 or http://tinyurl.com/3e4ci2

8-28-07 PV System for Marin County Exhibit Hall and Theater, California

A 205-kW PV system has been installed by SunTechnics at the Marin Exhibit Hall and Showcase Theater, the third county building to be equipped with a PV system. Story through Solarbuzz http://www.solarbuzz.com/News/Newspage.asp at: http://www.solarbuzz.com/News/Newspage.asp at: http://www.marinij.com/marin/ci_6736789 SunTechnics: http://www.suntechnics.com/

8-28-07 Nu-Lok Roofing Systems

See "Nu-Lok Roofing Systems, seamless solar energy panel inserts by Nu-lok" at: http://www.infolink.com.au/Showcases/Nu-Lok-Roofing-Systems-NSW/235976 or http://tinyurl.com/2q5c54

Nuk-lok roofing systems are described at: http://www.nulok.com.au/

8-28-07 Cabrillo College Solar, California

A new PV project that would represent the largest installation in Santa Cruz County may be installed by Solar Technologies and investor Generating Assets at the Aptos campus of Cabrillo College. Press at: http://tinyurl.com/yuvqeg or http://tinyurl.com/yuvqeg

Solar Technologies: http://www.solartechnologies.com/cm/Home.html Generating Assets: http://www.generatingassets.com/default.htm

8-28-07 Dye-sensitized Solar Cell Conference

The 2nd International Conference on the Industrialisation of DSC is set for 11-13 September 2007 in St. Gallen, Switzerland, in conjunction with NanoEurope-2007. Information at and conference update at: http://www.dyesol.com/conference/

NanoEurope-2007:

http://www.nanoeurope.com/wDeutsch/messen/nanoeurope/01_besucher/home/homeW3DnavanchorW262410314.php or http://tinyurl.com/3d9ac7

8-28-07 ACORE Events

For information on 3 upcoming ACORE events, see:

Phase II of Renewable Energy in America, 28-29 November 2008, Washington, D.C.: http://www.acore.org/phaseii/2007/

Trade Show at the Washington International Renewable Energy Conference 4-6 March 2008 at the Washington, DC Convention Center: http://www.americanrenewables.org/

5th Renewable Energy Finance Forum – Wall Street 18-19 June 2008, New York: http://www.euromoneyenergy.com/default.asp?Page=11&eventid=ECK158&site=energy or http://tinyurl.com/33ksez American Council On Renewable Energy: http://www.acore.org/

8-28-07 Testing Center Solar Energy Programme, Botswana

The Directorate of Apprenticeship and Industrial Training and Madirelo Training and Testing Centre announced the launch of the Solar Energy Curriculum Development Programme.

Story at: http://allafrica.com/stories/200708270773.html

8-29-07 REC Solar Power Plant in South Korea

REC has entered into an agreement with Daegu City in South Korea to build and own a 2.5-MW solar power system. "South Korea has ambitious goals for solar power and an attractive subsidy regime for the PV industry, and offers a promising new market for our REC Solar division," said Erik Thorsen, President and CEO. Story at Solarbuzz: http://www.solarbuzz.com/News/NewsASPR162.htm and RenewableEnergyAccess: http://www.renewableenergyaccess.com/rea/news/story?id=49785

REC: http://www.scanwafer.com/

http://www.scanwafer.com/default.asp?V_ITEM_ID=611&xml=/R/136555/PR/200708/1149502.xml or http://tinyurl.com/2h259b

8-29-07 Exelon-Epuron Solar Energy Center, SunTechnics Project, Pennsylvania

Pennsylvania Governor Rendell is announcing construction plans for a solar installation with 16,500 panels on a 16.5-acre plot in Falls Township, Bucks County. The facility will be called Exelon-Epuron Solar Energy Center, a SunTechnics Project. Exelon Generation Company, LLC, has signed a 20-year power purchase agreement with Epuron LLC. The 3-MW project is scheduled to be operational in the second quarter 2008. Story at Solarbuzz: http://www.solarbuzz.com/News/NewsNAPR856.htm http://www.prnewswire.com/cgi-bin/stories.pl?ACCT=104&STORY=/www/story/08-28-

2007/0004652916&EDATE= or http://tinyurl.com/2j7obf

EPURON: http://www.epuron.de/desktopdefault.aspx

SunTechnics: http://www.suntechnics.com/

Exelon: http://www.exeloncorp.com/

8-29-07 LDK Solar Supply Contract with Neo Solar Power

LDK Solar has signed a contract to supply multicrystalline solar wafers to Taiwan-based Neo Solar Power Corp. Story at Solarbuzz: http://www.solarbuzz.com/News/NewsASCO138.htm and http://www.insidegreentech.com/1672/chinas-ldk-solar-to-supply-neo-solar-p or http://tinyurl.com/3xh73g LDK Solar: http://www.ldksolar.com/

Neo Solar Power Corporation: http://www.neosolarpower.com/

8-29-07 CMC Magnetics Solar Subsidiary

CMC Magnetics will invest up to NT\$400 million to establish a new solar subsidiary, Shang Yang Technology. Story at:

8-29-07 Solon Solar Cells from Ersol

Solon AG has agreed to buy solar cells worth 1 bln Eur from Ersol Solar Energy AG over a period of 11 years from 2009. Press at: http://www.sharewatch.com/story.php?storynumber=8965

Solon AG: http://www.solonag.com/ Ersol: http://www.ersol.de/en/home/

8-29-07 Emcore Solar Cells Order from Green and Gold Energy

Emcore Corporation announced that it has been awarded a follow-on production order from Green and Gold Energy for 3 million solar cells for use in GGE's SunCube(tm) terrestrial concentrator system. More at: http://money.cnn.com/news/newsfeeds/articles/prnewswire/NYW06029082007-1.htm or http://tinyurl.com/32jrcf

Emcore: http://www.emcore.com/

Green and Gold Energy: http://www.greenandgoldenergy.com.au/

8-29-07 WorldWater & Solar Technologies PV System for Municipal Water District, California WorldWater & Solar Technologies will build a PV system up to 1.2 MW to provide electricity and water pumping power for the Valley Center Municipal Water District of Valley Center, California. The system will be owned by Solar Power Partners of Mill Valley, California, which will operate it for VCMWD under a 20-year Power Purchase Agreement. Story at: http://www.solarbuzz.com/News/NewsNAPR857.htm WorldWater & Solar Technologies: http://www.worldwater.com/

8-29-07 Ligitek Electronics' PV Subsidiary Business

Ligitek Electronics: http://www.ligitek.com/

8-29-07 Open Energy Corporation MOU with PV Powered

Open Energy Corporation announced an MOU establishing an original equipment manufacturer relationship with PV Powered to provide solar energy inverters and monitoring systems to the new home construction industry. These products will be distributed primarily through Open Energy's national distribution agreement with Eagle Roofing Products. Press at RenewableEnergyAccess:

http://www.renewableenergyaccess.com/rea/news/story?id=49783

Open Energy Corporation: http://www.openenergycorp.com/

PV Powered: http://www.renewableenergyaccess.com/rea/partner?cid=1877
Eagle Roofing Products: http://www.eagleroofing.com/2005/main/index.php

8-29-07 AmberWave Systems - Rochester Institute of Technology NSF Grant

AmberWave Systems announced that they, along with Rochester Institute of Technology, were awarded a 3-year research grant from the National Science Foundation which will allow the two organizations to explore the integration of compound semiconductor devices on silicon using a technique called Aspect Ratio Trapping, an initial development by AmberWave Systems. Story at:

http://www.testandmeasurement.com/content/news/article.asp?docid=22a5bb90-43fe-4577-ac96-80f8175a222d&atc~c=771+s=773+r=001+l=a&VNETCOOKIE=NO or http://tinyurl.com/2tl3f8
AmberWave Systems: http://www.amberwave.com/

8-29-07 Meyer Burger Technology Contract

Meyer Burger Technology AG said is has won a contract amounting to more than CHF 20 million from the Japanese Space Energy Corporation to supply wire saws. Press at:

http://www.forbes.com/afxnewslimited/feeds/afx/2007/08/29/afx4063050.html or http://tinyurl.com/2u7fss

Meyer Burger Technology: http://www.meyerburger.ch/index.php?id=home&L=1

http://www.meyerburger.ch/index.php?id=newsdetail&L=1&tx ttnews[tt news]=59&tx ttnews[backPid]=1

&cHash=d3530b9c77 or http://tinyurl.com/2gca8k

8-29-07 APS Renewable Energy Programs

APS has submitted a plan for meeting the first 5 years of the recently enacted Renewable Energy Standard to the Arizona Corporation Commission. The standard requires APS to increase its total renewable energy mix to 15% by 2025.

More at: http://biz.yahoo.com/bw/070829/20070829005882.html?.v=1

APS: http://www.aps.com/

8-29-07 Scottish & Southern Energy Stake in Solarcentury

Scottish & Southern Energy is paying £1.1m to raise its stake in Solarcentury to 12.3%. Press at:

http://uk.biz.yahoo.com/29082007/214/sse-ups-stake-solar-energy-company.html or

http://tinyurl.com/3xw67u

Solarcentury: http://www.solarcentury.co.uk/

8-29-07 Solarcentury Holdings Financing

Solarcentury Holdings has completed a £13.5m round of financing to fund its product development and international expansion strategy.

Story at Solarbuzz: http://www.solarbuzz.com/News/NewsEUCO433.htm

Solarcentury: http://www.solarcentury.co.uk/

8-29-07 More on Greek Orthodox Church PV Factory

The Greek Orthodox Church in Cyprus announced plans to invest \$234 million in solar energy. Archbishop Chrysostomos II said the church would build a factory that would make PV panels. Story at RenewableEnergyAccess: http://www.renewableenergyaccess.com/rea/news/story?id=49778 http://news.bbc.co.uk/2/hi/europe/6931310.stm

8-29-07 Solar Dishes

See the story "Reflective mirrors raise solar potential" with coverage of developments at Israel's Ben Gurion University, at: http://news.yahoo.com/s/nm/20070829/sc_nm/israel_energy_solar_dc_1 or http://tinyurl.com/376xm8

8-29-07 Octillion Corp. PV Management Team

Octillion Corp. announced plans to bolster its management team with expertise in commercial solar and PV technologies following recent significant achievements in the R&D of the company's transparent glass window capable of generating electricity.

Press at: http://biz.yahoo.com/bw/070829/20070829005821.html?.v=1

Octillion: http://www.octillioncorp.com/index-1.html

8-29-07 INC's Coverage of AEE Solar, David Katz Interview [Timothy Ball]

Long-time solar industry veteran David Katz, founder and CEO of AEE Solar, appears on the cover of this month's INC Magazine, and AEE Solar is included in INC's annual roundup of America's fastest growing companies. INC's interview with David Katz is available online at:

http://www.inc.com/magazine/20070901/how-i-did-it-david-katz.html or http://tinyurl.com/ytrjld.

AEE Solar: http://www.aeesolar.com/

8-29-07 groSolar for Habitat for Humanity

groSolar has partnered with NYSERDA to complete 15 residential solar electric systems for the Capital District Habitat for Humanity based in Albany, New York. More on this story at RenewableEnergyAccess: http://www.renewableenergyaccess.com/rea/partner/story?id=49789 or http://tinyurl.com/yo7a4w groSolar: http://www.grosolar.com/

8-29-07 Solis Energy Solar Products

Solis Energy announced its suite of solar products for low-wattage devices, such as security-surveillance cameras, WiFi hotspots, WiMax radios, lights, and traffic control sensors. Information at RenewableEnergyAccess:

http://www.renewableenergyaccess.com/rea/news/story;jsessionid=1EA87CCF4E13E9DAF6542C5727CD801E?id=49770 or http://tinyurl.com/3d4rwv

Solis Energy: http://www.solisenergy.com/

8-29-07 Evergreen Solar at Clean Energy Conference

Evergreen Solar, Inc. announced that its management will be presenting at Cowen and Company's Clean Energy Conference in New York on 6 September 2007.

Press at: http://www.evergreensolar.com/app/en/investors/

Cowen and Company: http://www.cowen.com/UpcomingConferences.asp

8-29-07 EuPD Research Market Surveys

EuPD Research will present results of recent market surveys – PV Growth Markets – at the 22nd European Photovoltaic Solar Energy Conference and Exhibition in Milan. Information at: http://www.eupd-research.com/en/home/

8-29-07 EPIA Events at the 22nd PVSEC

For a description of EPIA events at the 22nd European Photovoltaic Solar Energy Conference and Exhibition, visit: http://www.epia.org/index.php?id=23

8-29-07 Stanford University Sustainable Energy Course

For information on the Stanford University course, "Sustainable Energy Conversion and Storage", 29-30 September, with coverage of potential impact and liabilities of new solar cell and fuel cell technologies, the hydrogen economy, energy storage, and other topics, see: http://scpd.stanford.edu/sustainable/

8-29-07 Interstate Renewable Energy Council Newsletter [Jane Pulaski]

The latest copy of IREC's State & Stakeholder Newsletter is available at: http://www.irecusa.org/index.php?id=11

8-29-07 Renewable Energy Standard, U.S.

See "Win-Win: Crunching the RES Numbers" at RenewableEnergyAccess with a discussion of renewable energy standards, or renewable portfolio standards: http://www.renewableenergyaccess.com/rea/news/story?id=49781

8-29-07 Solar Energy Map of Ontario

In May 2006, Green Power Labs Inc. completed comprehensive solar mapping of the province of Ontario. See the story "Comprehensive Solar Energy Map of the province of Ontario" at RenewableEnergyAccess: http://www.greengowerlabs.com/rea/partner/story?id=49799 or http://www.greengowerlabs.com/

8-29-07 South Australia PV Feed-in Tariff

South Australia has released a draft of a modest solar PV feed-in tariff that will be introduced into the state's parliament. Story at RenewableEnergyAccess: http://www.renewableenergyaccess.com/rea/news/story?id=49776

8-29-07 Renewable Power Project Finance

For information on the conference "Renewable Power Project Finance, the Tutorial", 17-19 2007 in San Diego, California, as well as the pre-conference workshop "Fundamentals of Renewable Project Development", see: http://www.infocastinc.com/rpft/workshop.html